

04/17/06

## PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail** Mail Stop ISSUE FEE  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 or **Fax** (571)-273-2885

APR 14 2006

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence, including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below. Indicate otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

00164

7590

03/06/2006

KINNEY & LANGE, P.A.  
 THE KINNEY & LANGE BUILDING  
 312 SOUTH THIRD STREET  
 MINNEAPOLIS, MN 55415-1002

SENT VIA EXPRESS MAIL

LABEL NO.: EV 760044263 US

David R. Fairbairn

(Depositor's name)

*David R. Fairbairn*

(Signature)

4/14/06

(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/798,589	03/11/2004	David R. Bissen	S51.12-0048	6369

TITLE OF INVENTION: SELF LEVELING BOOM SYSTEM WITH ROTATABLE WORKING ASSEMBLY

04/18/2006 CNGUYEN3 00000003 10798589

01 FC:1501

1400.00 OP

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$0	\$1400	06/06/2006

EXAMINER	ART UNIT	CLASS-SUBCLASS
HWU, DAVIS D	3752	169-024000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

☒ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,

(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Kinney &amp; Lange, P.A.

2

3

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

Schwing America, Inc.

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

White Bear Lake, MN

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

☒ Issue Fee☐ Publication Fee (No small entity discount permitted)☐ Advance Order - # of Copies

4b. Payment of Fee(s):

☒ A check in the amount of the fee(s) is enclosed.☐ Payment by credit card. Form PTO-2038 is attached.

☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 11-0982 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

*David R. Fairbairn*

Date

4/14/06

Typed or printed name

David R. Fairbairn

Registration No.

26,047

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Named

Inventor : David R. Bissen

Appln. No. : 10/798,589

Filed : March 11, 2004

Title : SELF LEVELING BOOM SYSTEM WITH  
ROTATABLE WORKING ASSEMBLY

Docket No. : S51.12-0048

Group Art Unit: 3752

Examiner: Davis D Hwu

**EXPRESS MAIL COVER SHEET**

Mail Stop Issue Fee  
Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**SENT VIA EXPRESS MAIL**

Express Mail No.: EV 760044263 US

The following papers are being transmitted via **EXPRESS MAIL** to the U.S. Patent and  
Trademark Office on the date shown below:

1. Part B - Fee(s) Transmittal
2. Fee Transmittal (in duplicate)
3. Check in the amount of \$1,400.00
4. "Fee Address" Indication Form
5. Postcard

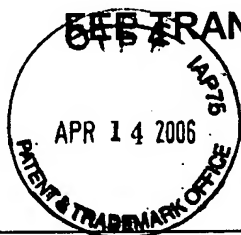
Respectfully submitted,

KINNEY & LANGE, P.A.

Date: 4/14/06

By 

David R Fairbairn, Reg. No. 26,047  
THE KINNEY & LANGE BUILDING  
312 South Third Street  
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**OFFICE TRANSMITTAL****Complete if Known**

Application No.	10/798,589
Filing Date	March 11, 2004
First Named Inventor	David R. Bissen
Group Art Unit	3752
Examiner Name	Davis D Hwu
Atty. Docket Number	S51.12-0048

Total Amount of Payment \$1,400.00

**METHOD OF PAYMENT (Check One)**

1. ☒ The Commissioner is hereby authorized to charge any additional fee required under 37 C.F.R. 1.16 and 1.17 and credit any over payments to Deposit Account No. 11-0982. Deposit Account Name: Kinney & Lange, P.A. A duplicate copy of this communication is enclosed.

2. ☒ Check Enclosed

**FEE CALCULATION****1. BASIC FILING FEE**

Appn. Type	FILING FEE FEE/SMALL PD.	SEARCH FEES FEE/SMALL	EXAM FEES FEE/SMALL	FEES
Utility	300 / 150	500 / 250	200 / 100	—
Design	200 / 100	100 / 50	130 / 65	—
Reissue	300 / 150	500 / 250	600 / 300	—
Provisional	200 / 100	-0- / -0-	-0- / -0-	—

Subtotal (1) \$0.00

**2. EXTRA CLAIM FEES**

	Number Claims	Prior	Extra	Fee from Fee Paid Below
Total	—	—	— X	— = —
Indep.	—	—	— X	— = —
Multiple Dependent Claims				— = —

Insert 3 and 20, or number previously paid if greater; Reissue see below

Large Entity Fee Code	Fee (\$)	Small Entity Fee Code	Fee (\$)	Description
1202	50	2202	25	Claims in excess of 20
1201	200	2201	100	Independent claims in excess of 3
1203	360	2203	180	Multiple Dependent Claim
1204	200	2204	100	Reissue Independent Claims Over Original Patent
1205	50	2205	25	Reissue claims in excess of 20 and over original patent

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 small) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 C.F.R. 1.16(s). \$0.00

Subtotal (2) \$0.00

**FEE CALCULATION (Continued)****3. ADDITIONAL FEES**

Large Entity Fee Code	Small Entity Fee Code	Fee Description	Fee paid
1051	130 2051 65	Surcharge - Late filing fee or oath	—
1052	50 2052 25	Surcharge - late provisional filing fee or cover sheet	—
1053	130 1053 130	Non-English specification	—
1812	2,520 1812 2,520	For Filing a Request for Reexamination	—
1251	120 2251 60	Extension for reply within first month	—
1252	450 2252 225	Extension for reply within second month	—
1253	1,020 2253 510	Extension for reply within third month	—
1254	1,590 2254 795	Extension for reply within fourth month	—
1255	2,160 2255 1,080	Extension for reply within fifth month	—
1402	500 2402 250	Filing a brief in support of an appeal	—
1403	1,000 2403 500	Request for oral hearing	—
1814	130 2814 65	Terminal Disclaimer Fee	—
1452	500 2452 250	Petition to revive - unavoidable	—
1453	1,500 2453 750	Petition to revive - unintentional	—
1501	1,400 2501 700	Utility/Reissue issue fee	1,400
1502	800 2502 400	Design issue fee	—
1460	130 1460 130	Petitions to the Commissioner	—
1807	50 1807 50	Petitions related to provisional applications	—
1806	180 1806 180	Submission of Information Disclosure Statement	—
8021	40 8021 40	Recording each patent assignment per property (times number of properties)	—
1801	790 2801 395	Request for Continued Examination (RCE)	—
Other fee (specify) _____			

Subtotal (3) \$1,400.00

Signature David R. FairbairnReg. No. 26,047Date 4/14/06Deposit Account No. 11-0982